

Table 1C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Demographic Indicators
Children Aged < 5 Years (2,3)

Page: 1
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Total Records	Number
Individual Children	222,370
Total Records (All Visits)	335,148

Source of Data	Number	%
WIC	222,370	100.0
EPSDT	0	0.0
Child Health-MCH	0	0.0
Child Health-HMO	0	0.0
Headstart	0	0.0
School Health	0	0.0
Other	0	0.0
Total	222,370	100.0
<i>Excluded Unknown: 0</i>		0.0 %

Race/Ethnic Distribution	Number	%
White, Not Hispanic	128,330	57.7
Black, Not Hispanic	64,686	29.1
Hispanic	24,729	11.1
American Indian/Alaskan Native	1,472	0.7
Asian/Pacific Islander	3,153	1.4
All Other	0	0.0
Total	222,370	100.0
<i>Excluded Unknown: 0</i>		0.0 %

Age Distribution (4)	Number	%
0 - 5 Months	51,049	23.0
6 - 11 Months	29,067	13.1
12 - 23 Months	46,098	20.7
24 - 35 Months	37,272	16.8
3 - 4 Years	58,884	26.5
Total	222,370	100.0

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 2C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Health Indicators
Children Aged < 5 Years ⁽²⁾

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Summary of Health Indicators ⁽³⁾					
		Michigan Prevalence		National Prevalence (Prior Year)	
		Number	%	Number	%
Birthweight (4)					
Low	< 2500 g	50,792	9.4	1,208,400	8.9
High	> 4000 g	50,792	8.3	1,208,400	7.6
Height and Weight					
Short Stature (5)	< 5th	216,362	6.9	4,913,316	6.3
	< 10th	216,362	11.8	4,913,316	11.1
Underweight (6)	< 5th	216,362	4.3	4,913,316	5.4
	< 10th	216,362	7.3	4,913,316	8.9
Overweight (6)	≥ 95th	216,362	12.7	4,913,316	13.5
≥ 2 Yrs Overweight (6)	85th - < 95th	93,962	16.1	2,069,605	15.4
	≥ 95th	93,962	12.9	2,069,605	14.3
Anemia (7)					
Low Hb		133,898	13.1	2,927,902	13.6
Low Hct		474	14.1	517,030	10.7
Low Hb/Hct		134,250	13.1	3,295,974	13.1
Breastfeeding (8)					
Ever Breastfed		53,953	48.0	969,228	52.5
Breastfed At Least 6 Months		41,545	14.7	527,765	20.8
Breastfed At Least 12 Months		34,040	11.8	555,990	12.3

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

(8) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 3C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Breastfeeding Indicators
Children Aged < 5 Years ⁽²⁾

Page: 1
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Summary of Breastfeeding Indicators ⁽³⁾				
	Michigan Prevalence		National Prevalence (Prior Year)	
	Number	%	Number	%
Breastfeeding Duration ^(4,5)				
Ever Breastfed	53,953	48.0	969,228	52.5
Breastfed 1+ Weeks	48,620	46.8	697,216	49.4
Breastfed 2+ Weeks	42,139	41.4	589,710	46.1
Breastfed 3+ Weeks	37,446	37.7	510,529	43.6
Breastfed 4+ Weeks	34,712	35.0	460,911	41.4
Breastfed 6+ Weeks	32,590	30.0	402,795	36.7
Breastfed 2+ Months	32,932	25.7	384,984	31.9
Breastfed 3+ Months	35,986	21.3	411,202	27.9
Breastfed 4+ Months	39,722	18.1	461,392	24.9
Breastfed 5+ Months	43,718	16.1	518,891	22.4
Breastfed 6+ Months	41,545	14.7	527,765	20.8
Breastfed 9+ Months	29,238	12.6	512,996	15.7
Breastfed 12+ Months	34,040	11.8	555,990	12.3
Breastfed 18+ Months	25,599	11.6	386,940	7.1

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. For each breastfeeding duration category, the analysis includes only children who turned that age during the reporting period by/on their date of visit. For example, infants who turned 9 months old during the reporting period by/on their date of visit are included in the 9+ months analysis.

(5) It is possible the analysis will show that slightly more infants are breastfed at older ages, e.g. 1+ week of age, than at younger ages, e.g. at birth (ever breastfed), due to variation in infants included in each breastfeeding analysis category.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 4C
2003 Pediatric Nutrition Surveillance ⁽¹⁾

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Michigan
Comparison of Racial and Ethnic Distribution by Contributor
Children Aged < 5 Years ⁽²⁾

Comparison of Racial and Ethnic Distribution by Contributor							
Contributor	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan Native %	Asian/Pacific Islander %	All Other / Unknown %
Michigan	222,370	57.7	29.1	11.1	0.7	1.4	0.0
Nation (Prior Year)	5,333,226	39.1	20.8	32.2	1.2	3.3	3.5

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 5C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Comparison of Age Distribution by Contributor
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 3 / 29 / 04

Comparison of Age Distribution by Contributor				
Contributor	Number Included in Analysis (3,4)	0 - 11 Months %	12 - 23 Months %	24 - 59 Months %
Michigan	222,370	36.0	20.7	43.2
Nation (Prior Year)	5,333,226	36.6	21.7	41.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Records rejected if date of birth and date of visit unknown.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 6C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Comparison of Growth and Anemia Indicators by Contributor
Children Aged < 5 Years (2)

Page: 1
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Comparison of Growth and Anemia Indicators by Contributor ⁽³⁾												
Contributor	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Over- weight (6)				
	Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th- 95th	% ≥95th	Number	%
Michigan	50,792	9.4	8.3	216,362	6.9	4.3	12.7	93,962	16.1	12.9	134,250	13.1
Nation (Prior Year)	1,208,400	8.9	7.6	4,913,316	6.3	5.4	13.5	2,069,605	15.4	14.3	3,295,974	13.1

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 7C
2003 Pediatric Nutrition Surveillance (1)
Michigan

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Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Contributor⁽²⁾
Children Aged < 5 Years (3)

Comparison of Breastfeeding, TV Viewing, and Smoking in Household by Contributor ⁽⁴⁾					
Contributor	Breastfeeding (5)				
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number % Breastfed At Least 12 Months
Michigan	53,953	48.0	41,545	14.7	34,040 11.8
Nation (Prior Year)	969,228	52.5	527,765	20.8	555,990 12.3

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household data are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages and ranks are not calculated if < 100 records are available for analysis after exclusions.

Table 8C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Growth and Anemia Indicators by Race/Ethnicity or Age
Children Aged < 5 Years ⁽²⁾

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Growth and Anemia Indicators by Race/Ethnicity or Age ⁽³⁾												
	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Number	Low %	High %	Number	Short Stature (5) %	Under- weight (6) %	Over- weight (6) %	≥ 2 Yrs Overweight (6)				
		<2500 g	>4000 g		<5th	<5th	≥95th	Number	%	%		
		85th-<95th	≥95th		Number	%	%					
Race/Ethnicity												
White, Not Hispanic	29,794	8.2	9.4	125,251	6.5	3.8	12.2	53,935	17.0	13.0	77,964	10.2
Black, Not Hispanic	14,534	13.0	5.7	62,643	7.5	5.4	12.4	27,191	13.7	10.7	38,290	20.4
Hispanic	5,323	6.5	9.5	23,949	7.3	3.4	16.1	10,961	18.0	17.9	15,245	10.2
American Indian/Alaskan Native	347	6.3	12.1	1,437	5.8	2.9	15.3	631	21.1	15.8	930	10.1
Asian/Pacific Islander	794	7.9	4.4	3,082	7.2	5.3	12.1	1,244	15.3	13.2	1,821	13.4
All Other	0	*	*	0	*	*	*	0	*	*	0	*
Total	50,792	9.4	8.3	216,362	6.9	4.3	12.7	93,962	16.1	12.9	134,250	13.1
Age												
0 - 11 Months	-	-	-	77,207	9.7	5.3	11.0	-	*	*	7,718	16.6
12 - 23 Months	-	-	-	45,193	6.8	2.9	15.1	-	*	*	50,173	14.5
24 - 35 Months	-	-	-	36,372	4.8	3.9	11.8	36,372	15.6	11.8	30,750	14.5
36 - 47 Months	-	-	-	31,691	4.6	4.3	13.2	31,691	16.4	13.2	26,006	11.1
48 - 59 Months	-	-	-	25,899	4.2	3.9	14.2	25,899	16.7	14.2	19,603	9.0
Total	-	-	-	216,362	6.9	4.3	12.7	93,962	16.1	12.9	134,250	13.1

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 9C
2003 Pediatric Nutrition Surveillance (1)
Michigan

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Run Date: 3 / 29 / 04

Breastfeeding, TV Viewing, and Smoking in Household by Race/Ethnicity or Age (2)
Children Aged < 5 Years (3)

Breastfeeding, TV Viewing, and Smoking in Household by Race/Ethnicity or Age (4)						
	Breastfeeding (5)					
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
Race/Ethnicity						
White, Not Hispanic	31,430	51.8	24,353	15.4	19,700	12.3
Black, Not Hispanic	15,590	34.3	12,098	9.8	9,830	8.2
Hispanic	5,709	63.4	4,142	22.8	3,775	18.1
American Indian/Alaskan Native	359	46.8	272	18.0	237	12.7
Asian/Pacific Islander	865	56.4	680	28.1	498	16.9
All Other	0	*	0	*	0	*
Total	53,953	48.0	41,545	14.7	34,040	11.8
Age						
0 - 11 Months	-	-	-	-	-	-
12 - 23 Months	-	-	-	-	-	-
24 - 35 Months	-	-	-	-	-	-
36 - 47 Months	-	-	-	-	-	-
48 - 59 Months	-	-	-	-	-	-
Total	53,953	48.0	41,545	14.7	34,040	11.8

(1) Reporting period is January 1 through December 31.

(2) TV Viewing and Smoking in Household are not reported by all contributors.

(3) Analyses based on one record per child.

(4) Excludes records with unknown data or errors.

(5) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 10C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Racial and Ethnic Distribution
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 3 / 29 / 04

Summary of Trends in Racial and Ethnic Distribution							
Year	Number Included in Analysis (3)	White, Not Hispanic %	Black, Not Hispanic %	Hispanic %	American Indian/Alaskan %	Asian/Pacific Islander %	All Other / Unknown %
2003	222,370	57.7	29.1	11.1	0.7	1.4	0.0
2002	223,043	58.0	29.6	10.6	0.6	1.3	0.0
2001	228,141	57.3	30.6	10.3	0.6	1.2	0.0
2000	222,687	57.2	31.5	9.5	0.6	1.2	0.0
1999	322,928	58.9	31.0	8.2	0.7	1.2	0.0
1998	222,437	59.5	31.2	7.5	0.6	1.2	0.0
1997	223,436	58.9	32.3	7.0	0.6	1.2	0.0
1996	219,085	58.5	32.9	6.9	0.6	1.2	0.0
1995	217,109	59.1	32.8	6.4	0.6	1.0	0.0
1994	79,477	60.1	32.8	5.5	0.7	0.9	0.0
1993	2	*	*	*	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 11C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Age Distribution
Children Aged < 5 Years (2)

Page: 1
Run Date: 3 / 29 / 04

Summary of Trends in Age Distribution (3)				
Year	Number Included in Analysis (4)	0-11 Months %	12-23 Months %	24-59 Months %
2003	222,370	36.0	20.7	43.2
2002	223,043	35.8	21.2	43.0
2001	228,141	37.9	20.4	41.7
2000	222,687	38.3	20.2	41.5
1999	322,928	36.1	21.3	42.6
1998	222,437	38.4	19.8	41.7
1997	223,436	37.8	19.8	42.4
1996	219,085	36.9	20.6	42.5
1995	217,109	38.3	20.8	40.8
1994	79,477	38.0	22.6	39.5
1993	2	*	*	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Records rejected if date of birth and date of visit unknown.

(4) Excludes records with unknown data or errors.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 12C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Growth and Anemia Indicators
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 3/29/2004

Summary of Trends in Growth and Anemia Indicators ⁽³⁾												
Year	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Low	High		Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)					
	Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th-<95th	% ≥95th	Number	%
2003	50,792	9.4	8.3	216,362	6.9	4.3	12.7	93,962	16.1	12.9	134,250	13.1
2002	49,439	9.5	8.2	216,350	7.0	4.6	12.2	94,065	15.7	12.4	139,155	13.0
2001	55,685	9.7	8.5	221,698	7.7	4.8	11.8	93,453	15.6	12.3	164,937	13.8
2000	55,392	8.9	8.6	216,687	7.5	4.8	11.7	90,754	15.5	12.0	160,182	14.6
1999	72,792	8.9	8.9	314,350	7.3	5.0	11.0	135,007	14.8	11.0	208,807	15.1
1998	55,572	9.4	8.8	215,365	7.5	5.5	10.3	90,760	14.3	10.1	168,297	14.7
1997	55,789	9.3	9.0	216,856	7.6	5.2	10.6	92,893	14.5	10.1	171,694	15.7
1996	54,558	9.3	8.8	213,065	7.8	5.6	10.1	91,581	14.5	9.7	168,939	16.1
1995	56,302	9.4	8.9	211,220	8.4	5.7	9.6	87,224	14.2	9.6	165,448	16.9
1994	27,227	9.4	9.3	77,538	8.5	5.0	10.4	30,925	15.0	10.2	58,857	15.3

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 12C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Growth and Anemia Indicators
Children Aged < 5 Years ⁽²⁾

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Run Date: 3/29/2004

Summary of Trends in Growth and Anemia Indicators ⁽³⁾												
Year	Birthweight (4)			Height and Weight							Anemia Low Hb/Hct (7)	
	Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
	Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th-<95th	% ≥95th	Number	%
1993	0	*	*	1	*	*	*	1	*	*	2	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 13C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Breastfeeding
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 3/29/2004

Summary of Trends in Breastfeeding ⁽³⁾						
Year	Breastfeeding (4)					
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
2003	53,953	48.0	41,545	14.7	34,040	11.8
2002	52,433	46.7	41,779	13.6	34,975	10.7
2001	58,927	45.2	43,743	12.3	35,033	9.6
2000	58,579	43.3	42,280	12.4	33,524	9.2
1999	74,508	43.3	51,954	11.9	41,048	8.9
1998	55,523	42.8	40,643	11.2	32,201	8.7
1997	55,724	41.0	40,425	10.3	32,679	8.2
1996	52,980	39.5	38,986	10.3	33,192	7.6
1995	52,745	38.4	39,431	10.0	32,111	7.7
1994	25,354	39.7	19,285	9.3	15,452	6.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 13C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Summary of Trends in Breastfeeding
Children Aged < 5 Years ⁽²⁾

Page: 2
Run Date: 3/29/2004

Summary of Trends in Breastfeeding ⁽³⁾						
Year	Breastfeeding ⁽⁴⁾					
	Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
1993	0	*	0	*	1	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 14C
2003 Pediatric Nutrition Surveillance
Michigan
Children Aged < 5 Years

Page: 1
Run Date: 3 / 29 / 04

This table is forthcoming. It may present changes over time in the prevalence of short stature, underweight, overweight, or anemia among cohorts of children participating in the PedNSS.

Table 15C
2003 Pediatric Nutrition Surveillance
Michigan
Children Aged < 5 Years

Page: 1
Run Date: 3 / 29 / 04

This table is forthcoming. It may present changes over time in the prevalence of short stature, underweight, overweight, or anemia among cohorts of children participating in the PedNSS.

Table 16C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Growth Indicators by Race/Ethnicity and Age
Children Aged < 5 Years ⁽²⁾

Page: 1
Run Date: 3/29/2004

Growth Indicators by Race/Ethnicity and Age ⁽³⁾								
	Short Stature (4)		Underweight (5)		Overweight (5)		≥ 2 Yrs Overweight (5)	
	Number	% <5th	Number	% <5th	Number	% ≥95th	Number	% 85th - <95th % ≥95th
White, Not Hispanic								
0 - 11 Months	45,384	9.0	45,384	5.4	45,384	10.1	0	0.0 0.0
12 - 23 Months	25,932	6.2	25,932	2.7	25,932	14.2	0	0.0 0.0
24 - 59 Months	53,935	4.6	53,935	3.1	53,935	13.0	53,935	17.0 13.0
Total	125,251	6.5	125,251	3.8	125,251	12.2	53,935	17.0 13.0
Black, Not Hispanic								
0 - 11 Months	22,256	11.7	22,256	5.4	22,256	12.4	0	0.0 0.0
12 - 23 Months	13,196	7.8	13,196	3.7	13,196	15.8	0	0.0 0.0
24 - 59 Months	27,191	3.8	27,191	6.3	27,191	10.7	27,191	13.7 10.7
Total	62,643	7.5	62,643	5.4	62,643	12.4	27,191	13.7 10.7
Hispanic								
0 - 11 Months	7,833	8.9	7,833	5.0	7,833	12.2	0	0.0 0.0
12 - 23 Months	5,155	7.4	5,155	2.0	5,155	18.0	0	0.0 0.0
24 - 59 Months	10,961	6.1	10,961	2.8	10,961	17.9	10,961	18.0 17.9
Total	23,949	7.3	23,949	3.4	23,949	16.1	10,961	18.0 17.9
American Indian/Alaskan Native								
0 - 11 Months	506	7.1	506	5.1	506	13.0	0	0.0 0.0
12 - 23 Months	300	3.3	300	1.3	300	18.0	0	0.0 0.0
24 - 59 Months	631	5.9	631	1.7	631	15.8	631	21.1 15.8
Total	1,437	5.8	1,437	2.9	1,437	15.3	631	21.1 15.8

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 16C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan
Growth Indicators by Race/Ethnicity and Age
Children Aged < 5 Years ⁽²⁾

Page: 2
Run Date: 3/29/2004

Growth Indicators by Race/Ethnicity and Age ⁽³⁾								
	Short Stature (4)		Underweight (5)		Overweight (5)		≥ 2 Yrs Overweight (5)	
	Number	% <5th	Number	% <5th	Number	% ≥95th	Number	% 85th - <95th % ≥95th
Asian/Pacific Islander								
0 - 11 Months	1,228	8.5	1,228	5.3	1,228	11.1	0	0.0 0.0
12 - 23 Months	610	7.4	610	3.6	610	12.0	0	0.0 0.0
24 - 59 Months	1,244	5.9	1,244	6.2	1,244	13.2	1,244	15.3 13.2
Total	3,082	7.2	3,082	5.3	3,082	12.1	1,244	15.3 13.2
All Other/Unknown								
0 - 11 Months	0	*	0	*	0	*	0	* *
12 - 23 Months	0	*	0	*	0	*	0	* *
24 - 59 Months	0	*	0	*	0	*	0	* *
Total	0	*	0	*	0	*	0	* *
Total All Race/Ethnic Groups								
0 - 11 Months	77,207	9.7	77,207	5.3	77,207	11.0	0	0.0 0.0
12 - 23 Months	45,193	6.8	45,193	2.9	45,193	15.1	0	0.0 0.0
24 - 59 Months	93,962	4.6	93,962	4.0	93,962	12.9	93,962	16.1 12.9
Total	216,362	6.9	216,362	4.3	216,362	12.7	93,962	16.1 12.9

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 17C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Anemia Indicators by Race/Ethnicity and Age
Children Aged < 5 Years (2)

Page: 1
Run Date: 3 / 29 / 04

Anemia Indicators by Race/Ethnicity and Age (3, 4)					
	Anemia Low Hb/Hct %			Anemia Low Hb/Hct %	
	Number			Number	
White, Not Hispanic			Asian/Pacific Islander		
6 - 11 Months	4,597	14.3	6 - 11 Months	117	18.8
12 - 17 Months	18,036	12.3	12 - 17 Months	426	12.2
18 - 23 Months	11,508	10.4	18 - 23 Months	275	14.2
24 - 35 Months	17,693	11.0	24 - 35 Months	413	16.5
36 - 59 Months	26,130	7.3	36 - 59 Months	590	10.7
Total	77,964	10.2	Total	1,821	13.4
Black, Not Hispanic			All Other/Unknown		
6 - 11 Months	2,217	22.7	6 - 11 Months	0	*
12 - 17 Months	8,552	21.9	12 - 17 Months	0	*
18 - 23 Months	5,400	21.9	18 - 23 Months	0	*
24 - 35 Months	8,803	22.6	24 - 35 Months	0	*
36 - 59 Months	13,318	17.0	36 - 59 Months	0	*
Total	38,290	20.4	Total	0	*
Hispanic			Total All Race/Ethnic Groups		
6 - 11 Months	723	12.2	6 - 11 Months	7,718	16.6
12 - 17 Months	3,279	12.9	12 - 17 Months	30,495	15.1
18 - 23 Months	2,341	10.7	18 - 23 Months	19,678	13.6
24 - 35 Months	3,649	11.8	24 - 35 Months	30,750	14.5
36 - 59 Months	5,253	7.0	36 - 59 Months	45,609	10.2
Total	15,245	10.2	Total	134,250	13.1
American Indian/Alaskan Native					
6 - 11 Months	64	*			
12 - 17 Months	202	10.9			
18 - 23 Months	154	10.4			
24 - 35 Months	192	9.4			
36 - 59 Months	318	9.7			
Total	930	10.1			

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 18C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 1
Run Date: 3 / 29 / 04

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low	High	Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)						
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th -	% <95th	% ≥95th	Number
White, Not Hispanic	2003	29,794	8.2	9.4	125,251	6.5	3.8	12.2	53,935	17.0	13.0	77,964	10.2
	2002	29,351	8.1	9.6	125,739	6.7	4.1	11.9	54,228	16.4	12.5	80,477	9.8
	2001	31,616	8.2	10.0	127,624	7.3	4.4	11.4	54,188	16.1	12.5	95,574	10.7
	2000	31,232	7.3	10.3	124,531	6.9	4.5	11.3	52,269	16.0	12.3	92,632	11.1
	1999	41,907	7.4	10.6	185,783	6.8	4.6	10.7	79,715	15.3	11.2	123,469	11.5
	1998	32,549	7.8	10.4	128,561	6.9	5.1	9.8	53,762	14.7	10.2	102,145	11.3
	1997	32,941	7.9	10.8	128,312	7.1	4.8	10.2	54,104	15.0	10.2	102,455	12.5
	1996	32,025	7.8	10.7	125,104	7.1	5.1	9.7	53,131	15.0	9.7	100,408	12.9
	1995	33,198	7.8	10.8	125,524	7.6	5.3	9.1	51,820	14.7	9.3	100,236	13.5
1994	16,735	7.8	11.2	46,788	7.6	4.7	9.7	18,659	15.2	9.8	36,542	12.3	
Black, Not Hispanic	2003	14,534	13.0	5.7	62,643	7.5	5.4	12.4	27,191	13.7	10.7	38,290	20.4
	2002	14,426	13.4	5.2	63,663	7.4	5.8	11.5	27,738	13.7	10.4	40,434	20.5
	2001	17,610	13.4	5.5	67,427	8.4	5.7	11.3	28,090	13.9	10.0	49,221	20.5
	2000	17,755	12.4	5.5	67,773	8.4	5.7	11.2	28,354	13.6	9.8	49,548	21.8
	1999	23,533	12.3	5.8	97,116	8.0	6.1	10.7	41,626	13.0	9.0	63,897	22.5
	1998	18,121	13.0	5.6	66,834	8.3	6.4	10.2	28,178	12.7	8.5	50,278	22.3
	1997	18,533	12.6	5.6	69,472	8.4	6.2	10.4	30,196	12.7	8.6	53,619	22.5
	1996	18,171	12.5	5.1	69,543	9.0	6.7	10.1	30,213	12.7	8.2	53,692	22.7
	1995	18,812	12.7	5.3	68,707	9.8	6.5	10.0	27,755	12.5	8.8	51,569	23.8
	1994	8,777	13.1	5.5	25,251	10.4	5.6	11.1	9,882	13.7	9.9	18,000	22.0

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 2
Run Date: 3 / 29 / 04

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th - <95th	% ≥95th	Number	%
Hispanic	2003	5,323	6.5	9.5	23,949	7.3	3.4	16.1	10,961	18.0	17.9	15,245	10.2
	2002	4,683	6.6	8.9	22,822	7.2	3.8	15.8	10,328	17.4	17.2	15,636	11.0
	2001	5,503	6.4	9.1	22,697	7.8	4.0	15.4	9,476	17.2	17.5	17,221	12.1
	2000	5,475	7.3	8.8	20,455	7.8	4.2	14.6	8,396	17.8	17.3	15,149	12.4
	1999	6,138	7.0	9.1	25,643	8.0	4.2	14.6	11,034	17.1	16.3	17,620	13.4
	1998	4,046	7.1	10.2	16,094	8.3	4.9	13.6	7,099	17.1	15.0	12,756	12.3
	1997	3,406	6.6	9.8	15,053	8.0	4.3	14.9	6,834	18.3	15.6	12,351	13.1
	1996	3,410	6.5	9.6	14,564	7.9	4.5	13.7	6,618	18.2	15.0	11,816	14.4
	1995	3,357	7.7	9.9	13,496	8.4	4.9	12.7	6,167	16.8	14.2	10,890	15.7
	1994	1,309	5.6	9.9	4,232	8.1	4.4	13.5	1,868	18.4	14.4	3,322	12.8
American Indian/Alaskan Native	2003	347	6.3	12.1	1,437	5.8	2.9	15.3	631	21.1	15.8	930	10.1
	2002	320	5.6	12.8	1,377	5.5	2.8	15.6	602	19.8	15.8	910	8.4
	2001	327	7.6	12.8	1,367	6.2	2.9	16.6	610	24.1	15.1	1,005	8.8
	2000	325	5.5	12.6	1,408	5.4	3.4	17.5	637	20.4	17.4	1,027	11.3
	1999	448	8.0	15.2	2,065	4.5	3.1	14.5	918	19.3	15.7	1,371	11.5
	1998	316	6.0	15.2	1,384	5.6	4.3	14.7	652	19.3	15.0	1,134	11.0
	1997	304	6.6	12.8	1,361	5.7	4.0	13.2	603	18.9	11.4	1,125	13.5
	1996	320	5.0	14.4	1,369	6.4	3.8	12.7	601	17.8	12.6	1,100	13.6
	1995	342	6.4	14.3	1,334	5.3	4.0	11.8	598	19.2	12.0	1,076	13.1
	1994	170	7.1	13.5	537	7.3	3.0	12.5	224	18.8	13.4	431	12.5

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 3
Run Date: 3 / 29 / 04

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low		High	Short Stature (5)		Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)				
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th - <95th	% ≥95th	Number	%
Asian/Pacific Islander	2003	794	7.9	4.4	3,082	7.2	5.3	12.1	1,244	15.3	13.2	1,821	13.4
	2002	659	8.6	5.0	2,749	7.8	4.3	11.5	1,169	15.7	13.0	1,698	12.6
	2001	628	8.6	5.7	2,580	7.6	4.7	11.1	1,088	14.9	13.1	1,913	14.1
	2000	605	6.0	4.6	2,520	9.1	4.6	10.8	1,098	15.7	12.1	1,826	12.5
	1999	766	7.2	4.3	3,743	8.6	4.9	10.7	1,714	15.2	11.4	2,450	15.5
	1998	540	8.5	6.3	2,492	8.9	6.1	11.2	1,069	13.9	13.8	1,984	12.4
	1997	605	8.1	6.4	2,658	8.5	5.5	10.8	1,156	14.6	12.8	2,144	14.7
	1996	632	6.0	7.8	2,485	8.5	6.2	10.4	1,018	14.2	11.5	1,923	12.7
	1995	593	9.3	7.1	2,159	10.0	6.3	10.0	884	14.6	14.9	1,677	15.0
	1994	236	5.9	5.9	729	10.6	7.1	9.2	291	19.6	11.3	561	12.1
All Other/Unknown	2003	0	*	*	0	*	*	*	0	*	*	0	*
	2002	0	*	*	0	*	*	*	0	*	*	0	*
	2001	1	*	*	3	*	*	*	1	*	*	3	*
	2000	0	*	*	0	*	*	*	0	*	*	0	*
	1999	0	*	*	0	*	*	*	0	*	*	0	*
	1998	0	*	*	0	*	*	*	0	*	*	0	*
	1997	0	*	*	0	*	*	*	0	*	*	0	*
	1996	0	*	*	0	*	*	*	0	*	*	0	*
	1995	0	*	*	0	*	*	*	0	*	*	0	*
	1994	0	*	*	0	*	*	*	0	*	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 18C
2003 Pediatric Nutrition Surveillance ⁽¹⁾
Michigan

Page: 4
Run Date: 3 / 29 / 04

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity
Children Aged < 5 Years ⁽²⁾

Summary of Trends in Growth and Anemia Indicators by Race/Ethnicity ⁽³⁾													
Race/Ethnicity and Year		Birthweight ⁽⁴⁾			Height and Weight							Anemia Low Hb/Hct (7)	
		Low	High	Short Stature (5)	Under- weight (6)	Over- weight (6)	≥ 2 Yrs Overweight (6)						
		Number	% <2500 g	% >4000 g	Number	% <5th	% <5th	% ≥95th	Number	% 85th -	% <95th	% ≥95th	Number
Total All Race/Ethnic Groups	2003	50,792	9.4	8.3	216,362	6.9	4.3	12.7	93,962	16.1	12.9	134,250	13.1
	2002	49,439	9.5	8.2	216,350	7.0	4.6	12.2	94,065	15.7	12.4	139,155	13.0
	2001	55,685	9.7	8.5	221,698	7.7	4.8	11.8	93,453	15.6	12.3	164,937	13.8
	2000	55,392	8.9	8.6	216,687	7.5	4.8	11.7	90,754	15.5	12.0	160,182	14.6
	1999	72,792	8.9	8.9	314,350	7.3	5.0	11.0	135,007	14.8	11.0	208,807	15.1
	1998	55,572	9.4	8.8	215,365	7.5	5.5	10.3	90,760	14.3	10.1	168,297	14.7
	1997	55,789	9.3	9.0	216,856	7.6	5.2	10.6	92,893	14.5	10.1	171,694	15.7
	1996	54,558	9.3	8.8	213,065	7.8	5.6	10.1	91,581	14.5	9.7	168,939	16.1
	1995	56,302	9.4	8.9	211,220	8.4	5.7	9.6	87,224	14.2	9.6	165,448	16.9
	1994	27,227	9.4	9.3	77,537	8.5	5.0	10.4	30,924	15.0	10.2	58,856	15.3

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the analysis.

(5) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(6) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

(7) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 19C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 1
Run Date: 3 / 29 / 04

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
White, Not Hispanic	2003	31,430	51.8	24,353	15.4	19,700	12.3
	2002	31,081	50.6	24,869	14.4	20,076	11.3
	2001	33,432	49.6	25,549	13.4	20,071	10.3
	2000	32,861	48.5	24,714	13.4	19,224	9.8
	1999	43,246	48.0	31,333	12.9	24,069	9.7
	1998	32,917	47.6	25,098	12.6	19,787	9.7
	1997	33,147	46.6	25,061	11.7	19,501	9.6
	1996	31,518	45.9	24,155	11.7	19,351	8.8
	1995	31,751	45.4	24,518	11.6	18,542	9.1
	1994	15,773	46.4	11,803	11.1	8,954	8.4
Black, Not Hispanic	2003	15,590	34.3	12,098	9.8	9,830	8.2
	2002	15,315	33.5	12,091	9.2	10,272	7.4
	2001	18,637	32.0	13,005	7.7	10,377	6.3
	2000	18,897	29.8	12,971	8.5	10,433	6.6
	1999	23,841	31.8	15,621	8.7	12,865	6.6
	1998	17,838	31.4	12,096	7.0	9,497	5.5
	1997	18,177	28.6	12,108	6.4	10,200	4.9
	1996	17,108	26.1	11,628	6.4	11,107	5.0
	1995	17,034	24.2	12,102	6.4	11,194	5.2
	1994	8,055	25.7	6,271	5.6	5,470	3.8

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 19C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 2
Run Date: 3 / 29 / 04

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
Hispanic	2003	5,709	63.4	4,142	22.8	3,775	18.1
	2002	5,002	61.3	4,013	21.2	3,945	15.9
	2001	5,834	61.9	4,420	19.3	3,963	14.2
	2000	5,834	56.4	3,908	18.6	3,258	13.5
	1999	6,167	54.0	4,105	15.9	3,384	11.8
	1998	3,865	53.7	2,747	15.7	2,352	12.2
	1997	3,461	50.5	2,521	13.7	2,346	10.2
	1996	3,373	44.6	2,470	13.5	2,123	9.4
	1995	3,087	41.7	2,184	11.4	1,880	7.9
	1994	1,136	43.6	905	10.1	784	6.9
American Indian/Alaskan Native	2003	359	46.8	272	18.0	237	12.7
	2002	329	52.9	248	12.5	224	10.7
	2001	340	45.0	239	13.4	213	12.7
	2000	333	54.7	235	13.6	234	9.4
	1999	455	48.1	322	11.8	276	8.7
	1998	319	40.4	254	11.4	190	7.9
	1997	312	36.2	249	11.6	215	7.4
	1996	323	42.4	244	9.4	209	7.7
	1995	327	41.9	235	9.4	174	9.2
	1994	169	39.6	124	6.5	96	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 19C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

Page: 3
Run Date: 3 / 29 / 04

Summary of Trends in Breastfeeding Indicators by Race/Ethnicity ⁽³⁾							
Race/Ethnicity and Year		Breastfeeding ⁽⁴⁾					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
Asian/Pacific Islander	2003	865	56.4	680	28.1	498	16.9
	2002	706	53.0	558	20.8	458	16.2
	2001	683	49.3	528	16.3	408	11.0
	2000	654	48.3	452	17.3	375	13.9
	1999	799	48.2	573	14.8	454	10.1
	1998	584	51.7	448	17.6	375	13.9
	1997	627	54.4	486	15.2	417	14.4
	1996	658	50.6	489	17.2	402	12.4
	1995	546	48.9	392	15.8	321	10.6
	1994	221	52.0	182	15.4	148	10.8
All Other/Unknown	2003	0	*	0	*	0	*
	2002	0	*	0	*	0	*
	2001	1	*	2	*	1	*
	2000	0	*	0	*	0	*
	1999	0	*	0	*	0	*
	1998	0	*	0	*	0	*
	1997	0	*	0	*	0	*
	1996	0	*	0	*	0	*
	1995	0	*	0	*	0	*
	1994	0	*	0	*	0	*

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 19C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Breastfeeding Indicators by Race/Ethnicity
Children Aged < 5 Years (2)

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Summary of Trends in Breastfeeding Indicators by Race/Ethnicity (3)							
Race/Ethnicity and Year		Breastfeeding (4)					
		Number	% Ever Breastfed	Number	% Breastfed At Least 6 Months	Number	% Breastfed At Least 12 Months
Total All Race/Ethnic Groups	2003	53,953	48.0	41,545	14.7	34,040	11.8
	2002	52,433	46.7	41,779	13.6	34,975	10.7
	2001	58,927	45.2	43,743	12.3	35,033	9.6
	2000	58,579	43.3	42,280	12.4	33,524	9.2
	1999	74,508	43.3	51,954	11.9	41,048	8.9
	1998	55,523	42.8	40,643	11.2	32,201	8.7
	1997	55,724	41.0	40,425	10.3	32,679	8.2
	1996	52,980	39.5	38,986	10.3	33,192	7.6
	1995	52,745	38.4	39,431	10.0	32,111	7.7
	1994	25,354	39.7	19,285	9.3	15,452	6.7

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Infants born during the reporting period included in the Ever Breastfed analysis. Infants who turned 6 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 6 Months analysis. Children who turned 12 months of age during the reporting period by/on their date of visit included in the Breastfed At Least 12 Months analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 20C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Growth Indicators by Age
Children Aged < 5 Years (2)

Page: 1
Run Date: 3 / 29 / 04

Summary of Trends in Growth Indicators by Age ⁽³⁾																		
Age and Year *		Height and Weight								Age and Year *		Height and Weight						
		Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)						Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)		
		Number	%	%	%	Number	%	%				Number	%	%	%	Number	%	%
		<5th	<5th	≥95th		85th-<95th	≥95th			<5th	<5th	≥95th		85th-<95th	≥95th			
0 - 11 Months																		
	2003	77,207	9.7	5.3	11.0	-	-	-		2003	36,372	4.8	3.9	11.8	36,372	15.6	11.8	
	2002	76,048	10.2	6.1	10.5	-	-	-		2002	36,515	4.6	4.0	11.4	36,515	15.1	11.4	
	2001	82,634	11.6	6.5	9.8	-	-	-		2001	36,045	4.5	4.1	11.0	36,045	14.9	11.0	
	2000	81,685	11.0	6.7	9.6	-	-	-		2000	35,142	4.7	4.4	10.8	35,142	14.4	10.8	
	1999	111,600	10.7	6.6	9.4	-	-	-		1999	53,484	4.4	4.6	10.2	53,484	13.9	10.2	
	1998	81,344	10.9	7.5	8.9	-	-	-		1998	33,897	4.5	4.9	9.2	33,897	13.2	9.2	
	1997	80,567	10.8	7.2	9.5	-	-	-		1997	34,878	4.8	4.4	9.2	34,878	13.9	9.2	
	1996	77,193	11.2	7.8	8.8	-	-	-		1996	35,214	5.2	4.6	9.0	35,214	13.6	9.0	
	1995	79,362	11.6	7.8	8.1	-	-	-		1995	34,323	5.7	4.9	9.0	34,323	13.5	9.0	
	1994	28,908	11.8	6.8	8.7	-	-	-		1994	13,198	5.9	4.0	9.7	13,198	14.4	9.7	
12 - 23 Months																		
	2003	45,193	6.8	2.9	15.1	-	-	-		2003	31,691	4.6	4.3	13.2	31,691	16.4	13.2	
	2002	46,237	6.5	3.2	14.6	-	-	-		2002	31,111	4.6	4.0	13.1	31,111	15.9	13.1	
	2001	45,611	7.0	3.1	14.5	-	-	-		2001	31,055	4.7	4.0	12.3	31,055	15.8	12.3	
	2000	44,248	6.7	3.1	14.7	-	-	-		2000	30,335	4.7	4.0	12.8	30,335	15.8	12.8	
	1999	67,743	6.9	3.3	13.8	-	-	-		1999	46,241	4.8	4.7	11.5	46,241	15.2	11.5	
	1998	43,261	6.5	3.5	13.2	-	-	-		1998	30,541	5.3	4.5	10.7	30,541	14.6	10.7	
	1997	43,396	6.7	3.3	13.6	-	-	-		1997	31,291	5.6	4.7	10.7	31,291	14.7	10.7	
	1996	44,291	7.0	3.5	13.3	-	-	-		1996	31,046	5.7	5.0	10.0	31,046	14.6	10.0	
	1995	44,634	7.4	3.6	12.5	-	-	-		1995	29,055	6.5	4.8	9.9	29,055	14.4	9.9	
	1994	17,705	7.4	3.3	13.4	-	-	-		1994	11,019	6.6	4.4	10.4	11,019	15.4	10.4	
24 - 35 Months																		
	2003	36,372	4.8	3.9	11.8	36,372	15.6	11.8		2003	31,691	4.6	4.3	13.2	31,691	16.4	13.2	
	2002	36,515	4.6	4.0	11.4	36,515	15.1	11.4		2002	31,111	4.6	4.0	13.1	31,111	15.9	13.1	
	2001	36,045	4.5	4.1	11.0	36,045	14.9	11.0		2001	31,055	4.7	4.0	12.3	31,055	15.8	12.3	
	2000	35,142	4.7	4.4	10.8	35,142	14.4	10.8		2000	30,335	4.7	4.0	12.8	30,335	15.8	12.8	
	1999	53,484	4.4	4.6	10.2	53,484	13.9	10.2		1999	46,241	4.8	4.7	11.5	46,241	15.2	11.5	
	1998	33,897	4.5	4.9	9.2	33,897	13.2	9.2		1998	30,541	5.3	4.5	10.7	30,541	14.6	10.7	
	1997	34,878	4.8	4.4	9.2	34,878	13.9	9.2		1997	31,291	5.6	4.7	10.7	31,291	14.7	10.7	
	1996	35,214	5.2	4.6	9.0	35,214	13.6	9.0		1996	31,046	5.7	5.0	10.0	31,046	14.6	10.0	
	1995	34,323	5.7	4.9	9.0	34,323	13.5	9.0		1995	29,055	6.5	4.8	9.9	29,055	14.4	9.9	
	1994	13,198	5.9	4.0	9.7	13,198	14.4	9.7		1994	11,019	6.6	4.4	10.4	11,019	15.4	10.4	
36 - 47 Months																		
	2003	31,691	4.6	4.3	13.2	31,691	16.4	13.2		2003	31,691	4.6	4.3	13.2	31,691	16.4	13.2	
	2002	31,111	4.6	4.0	13.1	31,111	15.9	13.1		2002	31,111	4.6	4.0	13.1	31,111	15.9	13.1	
	2001	31,055	4.7	4.0	12.3	31,055	15.8	12.3		2001	31,055	4.7	4.0	12.3	31,055	15.8	12.3	
	2000	30,335	4.7	4.0	12.8	30,335	15.8	12.8		2000	30,335	4.7	4.0	12.8	30,335	15.8	12.8	
	1999	46,241	4.8	4.7	11.5	46,241	15.2	11.5		1999	46,241	4.8	4.7	11.5	46,241	15.2	11.5	
	1998	30,541	5.3	4.5	10.7	30,541	14.6	10.7		1998	30,541	5.3	4.5	10.7	30,541	14.6	10.7	
	1997	31,291	5.6	4.7	10.7	31,291	14.7	10.7		1997	31,291	5.6	4.7	10.7	31,291	14.7	10.7	
	1996	31,046	5.7	5.0	10.0	31,046	14.6	10.0		1996	31,046	5.7	5.0	10.0	31,046	14.6	10.0	
	1995	29,055	6.5	4.8	9.9	29,055	14.4	9.9		1995	29,055	6.5	4.8	9.9	29,055	14.4	9.9	
	1994	11,019	6.6	4.4	10.4	11,019	15.4	10.4		1994	11,019	6.6	4.4	10.4	11,019	15.4	10.4	

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 20C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Growth Indicators by Age
Children Aged < 5 Years (2)

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Run Date: 3 / 29 / 04

Summary of Trends in Growth Indicators by Age ⁽³⁾																	
Age and Year *		Height and Weight							Age and Year *		Height and Weight						
		Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)					Short Stature (4)		Under-weight (5)	Over-weight (5)	≥ 2 Yrs Overweight (5)		
		Number	%	%	%	Number	%	%			Number	%	%	%	Number	%	%
		<5th	<5th	≥95th	85th-<95th			≥95th			<5th	<5th	≥95th	85th-<95th			≥95th
48 - 59 Months																	
2003		25,899	4.2	3.9	14.2	25,899			16.7	14.2							
2002		26,439	4.6	4.0	13.1	26,439			16.2	13.1							
2001		26,353	4.6	3.7	13.9	26,353			16.3	13.9							
2000		25,277	4.5	3.8	12.8	25,277			16.5	12.8							
1999		35,282	4.8	4.4	11.5	35,282			15.6	11.5							
1998		26,322	4.8	4.6	10.6	26,322			15.4	10.6							
1997		26,724	5.1	4.1	10.6	26,724			15.3	10.6							
1996		25,321	5.1	4.4	10.2	25,321			15.7	10.2							
1995		23,846	5.8	4.6	9.9	23,846			14.9	9.9							
1994		6,708	5.8	4.4	10.7	6,708			15.4	10.7							
Total All Age Group																	
2003		216,362	6.9	4.3	12.7	93,962			16.1	12.9							
2002		216,350	7.0	4.6	12.2	94,065			15.7	12.4							
2001		221,698	7.7	4.8	11.8	93,453			15.6	12.3							
2000		216,687	7.5	4.8	11.7	90,754			15.5	12.0							
1999		314,350	7.3	5.0	11.0	135,007			14.8	11.0							
1998		215,365	7.5	5.5	10.3	90,760			14.3	10.1							
1997		216,856	7.6	5.2	10.6	92,893			14.5	10.1							
1996		213,065	7.8	5.6	10.1	91,581			14.5	9.7							
1995		211,220	8.4	5.7	9.6	87,224			14.2	9.6							
1994		77,538	8.5	5.0	10.4	30,925			15.0	10.2							

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 2000 CDC growth chart percentiles for length-for-age for children under 2 years of age and height-for-age for children 2 years of age and older.

(5) Based on 2000 CDC growth chart percentiles for weight-for-length for children under 2 years of age and BMI-for-age for children 2 years of age and older. 85th - < 95th percentile category identifies children at risk of overweight.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

Table 21C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Anemia by Age
Children Aged < 5 Years (2)

Page: 1
Run Date: 3 / 29 / 04

Summary of Trends in Anemia by Age (3)						
Age and Year		Anemia Low Hb/Hct (4)				
		Number	%			
6 - 11 Months				18 - 23 Months		
	2003	7,718	16.6		2003	19,678 13.6
	2002	13,917	14.3		2002	20,855 13.5
	2001	37,241	16.4		2001	21,288 14.3
	2000	36,024	18.1		2000	20,425 14.9
	1999	44,496	17.2		1999	30,534 14.9
	1998	35,028	17.6		1998	20,080 15.6
	1997	34,604	19.3		1997	19,787 16.9
	1996	32,609	19.9		1996	19,948 17.2
	1995	33,806	20.4		1995	19,841 18.4
	1994	11,559	19.4		1994	8,022 15.7
12 - 17 Months				24 - 35 Months		
	2003	30,495	15.1		2003	30,750 14.5
	2002	28,353	15.1		2002	28,354 15.1
	2001	24,695	15.7		2001	32,230 14.5
	2000	24,359	16.4		2000	31,739 15.2
	1999	35,848	15.8		1999	42,042 16.8
	1998	23,925	16.4		1998	34,504 16.0
	1997	24,058	17.5		1997	34,992 17.4
	1996	24,661	18.4		1996	35,172 17.7
	1995	24,543	18.9		1995	34,363 18.7
	1994	8,980	16.8		1994	12,871 16.4

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.



Table 21C
2003 Pediatric Nutrition Surveillance (1)
Michigan
Summary of Trends in Anemia by Age
Children Aged < 5 Years (2)

Page: 2
Run Date: 3 / 29 / 04

Summary of Trends in Anemia by Age ⁽³⁾								
Age and Year		Anemia Low Hb/Hct ⁽⁴⁾			Age and Year		Anemia Low Hb/Hct ⁽⁴⁾	
		Number	%				Number	%
36 - 59 Months					Total All Age Groups			
	2003	45,609	10.2			2003	134,250	13.1
	2002	47,676	10.0			2002	139,155	13.0
	2001	49,483	10.2			2001	164,937	13.8
	2000	47,635	10.4			2000	160,182	14.6
	1999	55,887	11.8			1999	208,807	15.1
	1998	54,760	10.9			1998	168,297	14.7
	1997	58,253	11.4			1997	171,694	15.7
	1996	56,549	11.6			1996	168,939	16.1
	1995	52,895	12.0			1995	165,448	16.9
	1994	17,425	10.8			1994	58,857	15.3
All Other/Unknown								
	2003	0	*					
	2002	0	*					
	2001	0	*					
	2000	0	*					
	1999	0	*					
	1998	0	*					
	1997	0	*					
	1996	0	*					
	1995	0	*					
	1994	0	*					

(1) Reporting period is January 1 through December 31.

(2) Analyses based on one record per child.

(3) Excludes records with unknown data or errors.

(4) Based on 1998 CDC MMWR, "Recommendations to Prevent and Control Iron Deficiency in the United States", altitude adjusted, children 6 months of age and older included in the analysis.

* Percentages are not calculated if < 100 records are available for analysis after exclusions.

